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NPIC/R-106/5
April 1965

[redacted]

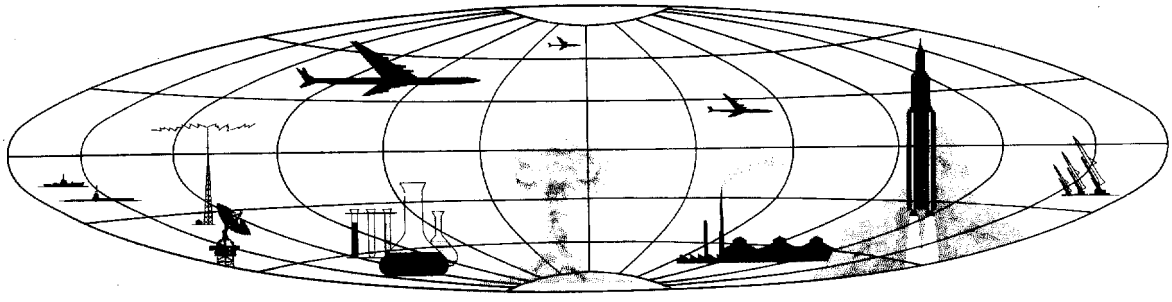
PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
GOLDEN TREE MISSION 8014
29 APRIL 1965

CIA DIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Declassification Reveiw by NIMA/DoD



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GROUP 1
Excluded from automatic downgrading and declassification

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WARNING

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 8014, DATED 29 APR 65. THE NUMBER APPEARING AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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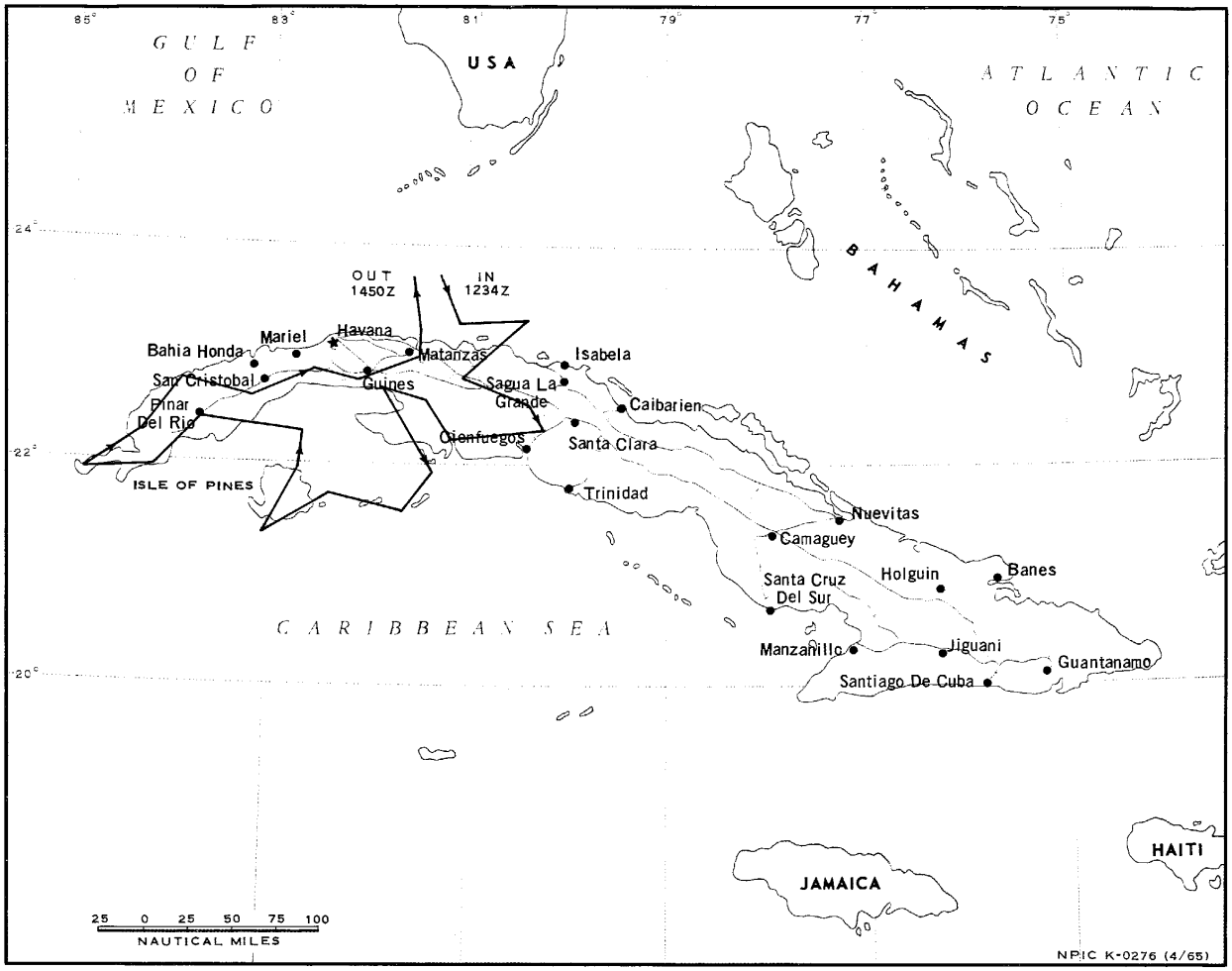

APPROXIMATE TRACK OF GOLDEN TREE MISSION 8014, 29 APRIL 1965.

NPIC/R-106/5

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5

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NOTE -- AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, 37 MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

MISSILES

25X1A

SIGUANEA SAM SITE CU 2137N 08257W [redacted]

SIX LAUNCHERS (5 REVETTED AND AT LEAST 2 WITH MISSILES), 21 MISSILE TRANSPORTERS (4 CANVAS-COVERED AND 15 WITHOUT PRIME MOVERS), 14 CANVAS-COVERED TRACKED PRIME MOVERS, 6 CARGO TRUCKS, 7 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR, 3 VAN TRAILERS AND SHED-COVERED EQUIPMENT OBSERVED.
AREA NW -- 6 CARGO TRUCKS AND 12 FA PIECES.
AREA SSE -- 8 CANVAS-COVERED TRACKED PRIME MOVERS, 3 CARGO TRUCKS AND 3 CARGO TRAILERS.

25X1D [redacted]

25X1A

MAJANA SAM SITE CU 2241N 08249W [redacted]

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), AT LEAST 3 MISSILE TRANSPORTERS (2 CANVAS COVERED), 9 TRACKED PRIME MOVERS, 6 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND ASSOCIATED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

25X1A

LA SALUD SAM SITE CU 2253N 08224W [redacted]

SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), 5 MISSILE TRANSPORTERS (3 CANVAS-COVERED AND 1 WITHOUT PRIME MOVER), 12 PROBABLE TRACKED PRIME MOVERS, 3 VAN TRAILERS AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED.
TWO ADDITIONAL PROBABLE LAUNCHERS, A PROBABLE RADAR, 6 VAN TRUCKS AND 2 VAN TRAILERS REMAIN ADJACENT TO THE SITE.
THE TWO 6-GUN LIGHT AAA SITES REMAIN OCCUPIED.

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SECRET

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NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted] 25X1A

PUNTA BRAVA SAM SITE CU 2301N 08231W [redacted]

SITE IS OCCUPIED.
HAZE AND OBLIQUITY LIMIT INTERPRETATION.

25X1D [redacted] 25X1A

GUARA SAM SITE CU 2248N 08213W [redacted]

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 6 CANVAS-COVERED MISSILE TRANSPORTERS, 6 TRACKED PRIME MOVERS, 2 OTHER VEHICLES AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS AND CANVAS COVERED EQUIPMENT OBSERVED.
THE TWO 6-GUN LIGHT AAA SITES REMAIN OCCUPIED.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted] 25X1A

ALQUIZAR SAM SITE CU 2249N 08238W [redacted]

FIVE UNREVETTED EMPLACED LAUNCHERS, 2 MISSILE TRANSPORTERS WITH EXPOSED MISSILES AND 1 LAUNCHER IN TOW ARE ADJACENT TO AN EMPLACED LAUNCHER, 5 ADDITIONAL MISSILE TRANSPORTERS (4 WITHOUT PRIME MOVERS, 1 CANVAS-COVERED AND 2 WITH EXPOSED MISSILES), 8 TRACKED PRIME MOVERS, 4 TRUCK TRACTORS, 1 OTHER VEHICLE, 3 VAN TRAILERS AND A GUIDANCE AREA WITH RADAR AND AT LEAST 3 VAN TRAILERS OBSERVED.
THE TWO 6-GUN LIGHT AAA SITES REMAIN OCCUPIED.

25X1D [redacted] 25X1A

LA CACHIMBA SAM SITE CU 2245N 08227W [redacted]

SITE APPEARS OCCUPIED.
HAZE LIMITS INTERPRETATION.

25X1D [redacted]

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5
SECRET

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5

MISSION 8014 29 APRIL 1965 R-106/65

25X1A

GUANAJAY CRUISE MISSILE SITE CU 2256N 08239W [redacted]

SITE IS OCCUPIED.
HAZE LIMITS INTERPRETATION.

25X1D [redacted]

AIR FACILITIES

25X1A

SIGUANEA AIRFIELD CU 2138N 08257W [redacted]

NO AIRCRAFT OBSERVED.

25X1D [redacted]

25X1A

CORONEL PASCUAL AIRFIELD CU 2307N 08117W [redacted]

AIRCRAFT -- 1 CRATE, 2 POSSIBLE LIAISON, AND 3 POSSIBLE HOUND.
OBILIQUITY LIMITS INTERPRETATION.

25X1D [redacted]

25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD CU 2252N 08230W [redacted]

AIRCRAFT -- 28 FISHBED, 3 FARMER, 13 FAGOT/FRESCO, 1 LIAISON, AND 1 HOUND OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

SAN JULIAN AIRFIELD CU 2205N 08409W [redacted]

AIRCRAFT -- 6 FAGOT/FRESCO, 1 CRATE, 23 ZLIN TRENERS, AND 1 HOUND.

25X1D [redacted]

25X1A

JOSE MARTI INTERNATIONAL AIRFIELD CU 2259N 08224W [redacted]

OPERATIONS AREA -- 1 PROBABLE CLEAT, 2 PROBABLE BRITANNIA, 1 PROBABLE COOT, 1 PROBABLE CUB, 4 PROBABLE CRATE, AND 2 PROBABLE C-47.

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5

SECRET
Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5

MAINTENANCE AREA -- 5 PROBABLE CRATE OBSERVED IN CLOUD-FREE AREAS.
GRAVEYARD AREA -- 3 UNIDENTIFIED.

25X1D [redacted]

25X1A

COLONEL MARTIN MARRERRO AIRFIELD CU 2150N 08246W [redacted]

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.
SIX POSSIBLE AAA PIECES OBSERVED NORTH OF THE OPERATIONS BUILDING.
THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D [redacted]

25X1A

JAIME GONZALES AIRFIELD CU 2209N 08024W [redacted]

NO AIRCRAFT OBSERVED.

25X1D [redacted]

25X1A

PINAR DEL RIO AIRFIELD CU 2225N 08340W [redacted]

AIRCRAFT -- 3 COLT, 1 HOUND, AND 1 LIAISON.

25X1D [redacted]

NAVAL ACTIVITY/PORTS

25X1A

SIGUANEA NAVAL BASE CU 2136N 08258W [redacted]

VESSELS -- 1 YP, 1 YACHT AND 1 UNIDENTIFIED VESSEL.

25X1D [redacted]

25X1A

CIENFUEGOS NAVAL BASE CU 2208N 08027W [redacted]

VESSELS -- 1 PROBABLE KRONSHTADT-CLASS PC, 1 PROBABLE PCE, 5 P-6 MTB, 2 POSSIBLE P-6 MTB ON MARINE RAILWAY, AND 1 LARGE FREIGHTER.

25X1D [redacted]

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5
SECRET

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5

MISSION 8014 29 APRIL 1965 R-106/65

25X1A

NUEVA GERONA PORT CU 2153N 08248W [redacted]

NO LARGE VESSELS OBSERVED.

25X1D [redacted]

25X1A

CARDENAS PORT CU 2302N 08111W [redacted]

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

MATANZAS PORT CU 2302N 08134W [redacted]

VESSELS -- 1 LARGE TANKER, 1 LARGE FREIGHTER AND 2 LARGE UNIDENTIFIED VESSELS.

25X1D [redacted]

25X1A

KAWAMA MARINA PORT CU 2307N 08117W [redacted]

NO NAVAL VESSELS OBSERVED.

25X1D [redacted]

ELECTRONICS/COMMUNICATIONS

25X1A

SAN JULIAN EW/GCI RADAR SITE CU 2206N 08409W [redacted]

ONE PROBABLE STONE CAKE RADAR, 2 UNIDENTIFIED PIECES OF RADAR EQUIPMENT, 5 POSSIBLE TRACKED PRIME MOVERS, 3 CARGO TRUCKS, 8 VAN TRUCKS AND 2 POSSIBLE UTILITY TRUCKS OBSERVED.

25X1D [redacted]

25X1A

SANTA FE EW/GCI RADAR SITE CU 2139N 08245W [redacted]

AT LEAST 1 TOKEN-TYPE RADAR, AND 14 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED.
OBLIQUITY AND HAZE LIMIT INTERPRETATION.

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5

25X1D

[redacted]

MILITARY ACTIVITY

25X1A

LA FLORA MILITARY CAMP CU 2252N 08233W [redacted]

NO APPARENT CHANGE IN FACILITIES.
TWENTY-SEVEN TANKS/SP GUNS, 19 CARGO TRUCKS AND 4 POSSIBLE FA PIECES OBSERVED IN CLOUD-FREE AREAS.
THE 6-GUN LIGHT AAA SITE APPEARS OCCUPIED.

25X1D

[redacted]

25X1A

LIMONAR TANK TRAINING AREA CU 2254N 08121W [redacted]

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN PROBABLE TANKS/SP GUNS, 11 CARGO TRUCKS, 27 OTHER VEHICLES, AND 18 FA PIECES.

25X1D

[redacted]

25X1A

ANTON RECIO MILITARY INSTALLATION CU 2211N 08036W [redacted]

TWENTY-TWO TANKS/SP GUNS AND 4 OTHER VEHICLES/PIECES OF EQUIPMENT OBSERVED.
CONSTRUCTION CONTINUES ON NORTH AND EAST AREAS.
THE 6-GUN MEDIUM AAA SITE REMAINS OCCUPIED. NINETEEN CARGO TRUCKS, 1 OTHER VEHICLE AND 12 AAA PIECES OBSERVED AT SITE.

25X1D

[redacted]

25X1A

SANTA FE MILITARY AREA CU 2144N 08247W [redacted]

MAIN CAMP - 12 PROBABLE CARGO TRUCKS AND AT LEAST 10 FA PIECES.
CAMP 1.5 NM WEST -- 7 CARGO TRUCKS AND 6 UNIDENTIFIED PIECES OF EQUIPMENT.
CAMP 4.8 NM NW -- 10 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED IN CLOUD FREE AREAS. THE 6-GUN PROBABLE LIGHT AAA SITE REMAINS OCCUPIED.

25X1D

[redacted]

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SECRET
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MISSION 8014 29 APRIL 1965 R-106/65

25X1A

CORRALILLO MILITARY AREA CU 2301N 08038W [redacted]

RANGE AREA -- NO APPARENT CHANGE IN FACILITIES. FIVE PROBABLE VEHICLES OBSERVED.
SUPPORT AREA -- NO APPARENT CHANGE IN PERMANENT FACILITIES EXCEPT AREA IS NOW SECURED BY A FENCE. ONE CARGO TRUCK AND 6 OTHER VEHICLES OBSERVED.

25X1D [redacted]

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SECRET

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

[redacted] 25X1A

SAN CRISTOBAL MRBM SITE 3	2242N 08308W
GUANAJAY IRBM SITE 1	2257N 08239W
SAN CRISTOBAL MRBM SITE 4	2246N 08258W
GUANAJAY IRBM SITE 2	2257N 08237W
SAN ANTONIO DE LOS BANOS EW/GCI RDR SITE	2252N 08230W
VARADERO LOW-SIEVE RADAR SITE	2311N 08108W
CABO SAN ANTONIO LOW-SIEVE RADAR SITE	2152N 08457W
SANTA FE MILITARY CAMP LUMUMBA	2142N 08249W
GUANE MILITARY CAMP	2212N 08408W
CANTEL MILITARY CAMP	2302N 08119W
GUANABANA AREA MILITARY CAMP	2258N 08134W
MARTI AREA ARMOR TRAINING AREA	2258N 08059W
GUAYABAL MILITARY CAMP	2254N 08237W
SPECIAL AREA WHITE	2254N 08232W
SPECIAL AREA GREEN	2255N 08242W
SPECIAL AREA PURPLE	2254N 08228W
MATANZAS LANDING BEACH	2301N 08126W
VARADERO LANDING BEACH	2307N 08118W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

[redacted] 25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
MANAGUA SAM SITE	2259N 08215W
TORRENS SAM ASSEMBLY AREA	2257N 08227W
MARIEL SAM SITE 2	2300N 08248W
GUANABACOA SAM SITE	2305N 08216W
CAMPO FLORIDO CRUISE-MISSILE SITE	2306N 08211W
SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE	2255N 08210W
CAMILO CIENFUEGOS AIRFIELD	2229N 07956W
CAMPO LIBERTAD AIRFIELD	2305N 08226W
PLAYA BARACOA AIRFIELD	2302N 08234W
SANTA FE AIRFIELD	2304N 08230W
MARIEL NAVAL BASE AND NAVAL AIR STATION	2259N 08244W
CABANAS NAVAL BASE	2258N 08258W
HAVANA PORT	2307N 08220W
BEJUCAL FIELD COMMUNICATIONS CENTER	2255N 08222W
LIMONAR EW/GCI RADAR SITE	2255N 08126W
HAVANA EW/GCI RADAR SITE COJIMAR	2308N 08219W
CABANAS LOW-SIEVE RADAR SITE	2259N 08259W
HAVANA LOW-SIEVE RADAR SITE	2309N 08221W

Approved For Release 2001/08/28 : CIA-RDP78B04560A004600010021-5
SECRET

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MISSION 8014 29 APRIL 1965 R-106/65

25X1A

[redacted]

RANCHO LUNA LOW SIEVE RADAR SITE	2202N 08025W
ARTEMISA MILITARY CAMP	2250N 08248W
MARIEL MILITARY CAMP LOMA GOBERNADORA	2256N 08251W
SANTIAGO DE LAS VEGAS MILITARY CAMP	2258N 08220W
TORRENS MILITARY COMPLEX	2259N 08227W
MADRUGA MILITARY AREA	2255N 08149W
LIMONAR MILITARY CAMP SE	2255N 08124W
MANAGUA MILITARY CAMP	2258N 08217W
NAZARENO MILITARY CAMP	2257N 08213W
GUANABACOA MILITARY AREA	2307N 08215W
HAVANA MILITARY CAMP CALABAZAR	2300N 08218W
EL CHICO MILITARY AREAS	2300N 08226W
EL CRIOLLO MILITARY CAMP	2259N 08225W
LOMAS TETAS DE MANAGUA TANK PARK	2258N 08219W
GUANAJAY MILITARY CAMP MARTIN MESA	2257N 08243W
TAPASTE STORAGE AREAS	2302N 08207W
SANTIAGO DE LAS VEGAS MIL CAMP SOUTH	2257N 08223W
SAN FRANCISCO DE PAULA AMMO STORAGE AREA	2303N 08218W
MANAGUA AMMUNITION STORAGE AREA	2257N 08218W
BEJUCAL AMMUNITION STORAGE	2256N 08223W
HAVANA MILITARY CAMP COJIMAR	2309N 08215W
PARCELACION MODERNA SUPPLY DEPOT	2302N 08218W
BUENAVENTURA MILITARY ACTIVITY	2253N 08221W
SPECIAL AREA VERMONT	2301N 08248W
SPECIAL AREA OREGON	2259N 08244W
SPECIAL AREA TEXAS	2302N 08235W
SPECIAL AREA OHIO	2301N 08239W

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